

4-Port USB Hub

Your RadioShack 4-Port USB Hub is a full-speed Universal Serial Bus (USB) hub. It supports one upstream and four downstream ports. With its 12 Mbps bandwidth, the USB hub can consolidate a full range of low-speed and full-speed peripherals to provide desktop and notebook computer connectivity. It complies fully with the USB specification Rev 1.1 and HID Class Definition Rev 1.0.

Its features include:

Tiered Star Topology — supports up to 127 physical devices. Connected devices can be of either low speed (1.5 Mbps) or full speed (12 Mbps).

Power Options — can operate on its own power (with low-power consumption devices) or bus power.

Over-Current Protection — for devices connected to each downstream port.

Auto-Detect Speeds and Device Connections — lets you use the hub with a wide array of devices.

Plug and Play Capability — makes connections simple and user-friendly.

INSTALLATION

The USB hub uses the supplied 6-volt DC, 2.1-Amp AC adapter for power.

Cautions:



You must use a Class 2 power source that supplies 6 volts DC and delivers at least 2.1 Amps. Its center tip must be set to positive and its plug must fit the USB hub's **6VDC 2.1A** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the USB hub or the adapter.

- Always connect the AC adapter to the USB hub before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the USB hub.

1. Plug the supplied AC adapter's barrel plug into the **6VDC 2.1A** jack on the rear of the USB hub.
2. Plug the larger end of the AC adapter into a standard AC outlet.

3. Plug the supplied USB cable's B-type connector into the **HOST** port on the front of the USB hub.
4. Plug the supplied USB cable's A-type connector into the PC's host port.
5. Connect up to four USB devices to the ports on the back of the USB hub.

The green indicators on the USB's front panel light if the corresponding USB ports are ready for use.

QUESTIONS & ANSWERS

Q: *How do I know the USB hub has been installed successfully in Windows 98 ?*

A: Right click **My Computer**, then click **Properties/Device Manager/Universal Serial Bus Controller**. The four green indicators on the front of the USB hub light. If they do not, follow these steps:

1. Go to **Device Manager**. If you find any error items or unknown devices, remove them.
2. In **Device Manager**, click **Universal Serial Bus Controller**. If there are any error items or unknown devices, remove them, then disconnect and reconnect your USB hub's AC adapter's barrel plug or AB type cable. The four green indicators should light.

Q: *Why won't my USB camera (or other USB device) work through the USB hub?*

A: Be sure:

- the driver for the device is installed on your PC.
- the device's power is connected.
- the USB hub's AC power adapter is properly connected.

If all three conditions are met and the USB hub still does not detect the device, disconnect and reconnect the device to the USB hub.

Q: *Why won't the green indicator on the front of the USB hub light?*

A: When a connected device attempts to draw more current than the USB hub can handle, the USB hub automatically cuts off power. Reset the USB hub by disconnecting and reconnecting its AC adapter's barrel plug.

Q: Can I use the USB hub without its AC adapter ?

A: Yes, if you connect it to low power consumption devices such as a mouse, joystick, or keyboard.

SPECIFICATIONS

Enclosure	Plastic (ABS)
Connector	Four A Type and One B Type
Power Adapter	DC 6V/2.1 Amp
Operating Temperature	32° to 158°F (0° to 70°C)
Storage Temperature	-40° to 158°F (-40° to 70°C)
Operating Humidity	10 to 80%
Storage Humidity	5 to 90%
Weight	5.29 oz (150 g)
Dimensions (HWD)	$1\frac{3}{16} \times 4\frac{9}{16} \times 3\frac{3}{32}$ Inches (21 × 115 × 83 mm)
Accessories	AC Adapter, A/B Type Cable

Specifications are typical; individual units might vary.
Specifications are subject to change and improvement
without notice.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lighting or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor,
Fort Worth, TX 76102

We Service What We Sell

04/99

RadioShack
A Division of Tandy Corporation
Fort Worth, Texas 76102